

**MISSOURI VOCATIONAL ENTERPRISES  
MATERIAL SAFETY DATA SHEET**

**I PRODUCT IDENTIFICATION**

Manufacturer's Name: Missouri Vocational Enterprises  
Address: P.O. Box 236 Telephone No. (573)-751-6663  
Jefferson City, Missouri 65102  
Trade Name: Nonphosphate Chloral Bleach Product Number: F-410  
Synonyms: VELOC:  
DOT Proper Shipping Name: STCC: None Required

**II HAZARDOUS INGREDIENTS OF MIXTURES**

Material:	% By WT.	TLV
Sodium Metasilicate	5	2mg/M <sup>3</sup>
Sodium Dichloro-S-Triazine Dihydrate	30	0.5 mg/ M <sup>3</sup>

**III PHYSICAL DATA**

Vapor Pressure mm hg @ 20C: N/A	Vapor Density (Air=1) 60-90F: N/A
Evaporation Rate (Ether=1): N/A	% Volatile by WT.: N/A
Solubility in H <sub>2</sub> O-1 @ 25C: Complete	pH 1% Solution: 9
Freezing Point F: N/A	pH as Distributed: N/A
Boiling Point F @ 14.7 psig: N/A	Appearance: White Powder
Specific Gravity H <sub>2</sub> O-1 @ 25C: N/A	Odor: Bleach (Chloral)

**IV FIRE AND EXPLOSION**

Flash Point F (Closed Cup): N/A	Autoignition Temperature: N/A	Flammable (Explosive) Limits: N/A
------------------------------------	----------------------------------	--------------------------------------

Extinguishing Media: Suitable to Origin of Fire.  
Special Fire Fighting Procedures: N/A  
Unusual Fire and Explosion Hazards: N/A

**V EMERGENCY AND FIRST AID PROCEDURES**

Eyes: Immediately flush eyes with flowing water for 15 minutes, and contact Physician.  
Skin: Immediately flush affected area with plenty of water for at least 15 minutes. Contact a Physician. Remove contaminated clothes and launder before reuse.  
Inhalation: Remove to fresh air and call Physician.  
Ingestion: N/A  
Overexposure Effects: Harmful or fatal if swallowed.

**MATERIAL SAFETY DATA SHEET****VI REACTIVITY DATA**

Conditions Contributing to Instability: Stable in dry state and at normal temperatures.

Incompatibility: N/A

Hazardous Decomposition Products: Chlorine.

Conditions Contributing to Hazardous Polymerization: Will not occur.

**VII SPILL OR LEAK PROCEDURES**

Steps to be taken if material is released or spilled: Spills may be picked up with a mop or with flowing water.

Neutralizing Chemicals: N/A

Waste Disposal Methods: Minor quantity, Flush to sewer if permitted by local regulations. Major Quantity, Dispose of in an approved dump site.

**VIII SPECIAL PROTECTION INFORMATION**

Respiratory:

N/A

Eye:

Safety Glasses or Goggles

Gloves:

Rubber

Other Clothing and Equipment: N/A

Ventilation: Use in well ventilated areas.

**IX SPECIAL PRECAUTIONS**

Precautions to be taken in Handling and Storing: For Industrial or Institutional use.

Other Precautions: Read and observe labeled use instructions.

Prepared by: Elvin Nichols      Title: Chemist II      Date: July 10, 2000

While seller believes that the information contained herein as accurate, such information is offered solely for its customers' consideration and verification under their specific use conditions. This information is not to be deemed a warranty or representation of any kind for which Seller assumes legal responsibility.

Product Number F-410

Page 2 of 2